

```

=> s presenilin#
L1      5214 PRESENILIN#

=> s l1 and PS1
L2      1648 L1 AND PS1

=> s l2 and 1990-1997/py
L3      139 L2 AND 1990-1997/PY

=> duplicate remove
ENTER L# LIST OR (END):l3
DUPLICATE PREFERENCE IS 'MEDLINE, BIOSIS, PCTFULL'
KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n
PROCESSING COMPLETED FOR L3
L4      95 DUPLICATE REMOVE L3 (44 DUPLICATES REMOVED)

=> s l4 (20a) (mutant# or mutation#)
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L17 (20A) '
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L19 (20A) '
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L21 (20A) '
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L23 (20A) '
L5      79 L4 (20A) (MUTANT# OR MUTATION#)

=> d 1-79

L5      ANSWER 1 OF 79      MEDLINE on STN
AN      1998348622      MEDLINE
DN      PubMed ID: 9683997
TI      Amyotrophic lateral sclerosis and Alzheimer disease. Lessons from model
        systems.
AU      Price D L; Wong P C; Borchelt D R; Pardo C A; Thinakaran G; Doan A P; Lee
        M K; Martin L J; Sisodia S S
CS      Department of Pathology, Johns Hopkins, University School of Medicine,
        Baltimore, Maryland 21205-2196, USA.
NC      AG 05146 (NIA)
        NS 10580 (NINDS)
        NS 20471 (NINDS)
        +
SO      Revue neurologique, (1997 Sep) 153 (8-9) 484-95.  Ref: 145
        Journal code: 2984779R. ISSN: 0035-3787.
CY      France
DT      Journal; Article; (JOURNAL ARTICLE)
        General Review; (REVIEW)
        (REVIEW, ACADEMIC)
LA      English
FS      Priority Journals
EM      199808
ED      Entered STN: 19980820
        Last Updated on STN: 19980820
        Entered Medline: 19980810

L5      ANSWER 2 OF 79      MEDLINE on STN
AN      1998238516      MEDLINE
DN      PubMed ID: 9652956
TI      Biochemistry of presenilin 1.
AU      Takashima A
CS      Mitsubishi Kasei Institutes of Life Science.
SO      Rinsho shinkeigaku. Clinical neurology, (1997 Dec) 37 (12)
        1097-8.

```

Journal code: 0417466. ISSN: 0009-918X.

CY Japan
DT Journal; Article; (JOURNAL ARTICLE)
LA Japanese
FS Priority Journals
EM 199807
ED Entered STN: 19980713
Last Updated on STN: 19980713
Entered Medline: 19980701

L5 ANSWER 3 OF 79 MEDLINE on STN
AN 1998238515 MEDLINE
DN PubMed ID: 9577654
TI Molecular genetics of Alzheimer's disease--**presenilin** and other genes.
AU Tabira T
CS National Institute of Neuroscience, NCNP, Tokyo.
SO Rinsho shinkeigaku. Clinical neurology, (1997 Dec) 37 (12) 1095-6.
Journal code: 0417466. ISSN: 0009-918X.

CY Japan
DT Journal; Article; (JOURNAL ARTICLE)
LA Japanese
FS Priority Journals
EM 199807
ED Entered STN: 19980713
Last Updated on STN: 19980713
Entered Medline: 19980701

L5 ANSWER 4 OF 79 MEDLINE on STN
AN 1998120953 MEDLINE
DN PubMed ID: 9461055
TI Abnormalities in Alzheimer's disease fibroblasts bearing the APP670/671 **mutation**.
AU Gibson G E; Vestling M; Zhang H; Szolosi S; Alkon D; Lannfelt L; Gandy S; Cowburn R F
CS Cornell University Medical College at Burke Medical Research Institute, White Plains, NY 10605, USA.. ggibson@med.cornell.edu
NC AG09464 (NIA)
AG11921 (NIA)
AG13780 (NIA)
SO Neurobiology of aging, (1997 Nov-Dec) 18 (6) 573-80.
Journal code: 8100437. ISSN: 0197-4580.

CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199803
ED Entered STN: 19980312
Last Updated on STN: 19980312
Entered Medline: 19980305

L5 ANSWER 5 OF 79 MEDLINE on STN
AN 1998103294 MEDLINE
DN PubMed ID: 9440120
TI Biology of A beta amyloid in Alzheimer's disease.
CM Erratum in: Neurobiol Dis 1998 Jul;5(1):65
AU Wisniewski T; Ghiso J; Frangione B
CS Department of Neurology, New York University Medical Center, New York 10016, USA.. Thomas.Wisniewski@MCFPO.med.nyu.edu
SO Neurobiology of disease, (1997) 4 (5) 313-28. Ref: 186
Journal code: 9500169. ISSN: 0969-9961.

CY United States
DT Journal; Article; (JOURNAL ARTICLE)

General Review; (REVIEW)
(REVIEW, TUTORIAL)

LA English
FS Priority Journals
EM 199802
ED Entered STN: 19980306
Last Updated on STN: 20000303
Entered Medline: 19980224

L5 ANSWER 6 OF 79 MEDLINE on STN
AN 1998063306 MEDLINE
DN PubMed ID: 9398634
TI Determination of a cleavage site of **presenilin 2** protein in stably transfected SH-SY5Y human neuroblastoma cell lines.
AU Shirotani K; Takahashi K; Ozawa K; Kunishita T; Tabira T
CS Division of Demyelinating Disease and Aging, National Institute of Neuroscience, Tokyo, Japan.
SO Biochemical and biophysical research communications, (1997 Nov 26) 240 (3) 728-31.
Journal code: 0372516. ISSN: 0006-291X.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199801
ED Entered STN: 19980129
Last Updated on STN: 19980129
Entered Medline: 19980113

L5 ANSWER 7 OF 79 MEDLINE on STN
AN 1998041530 MEDLINE
DN PubMed ID: 9375682
TI Alpha-secretase-derived product of beta-amyloid precursor protein is decreased by **presenilin 1 mutations** linked to familial Alzheimer's disease.
AU Ancolio K; Marambaud P; Dauch P; Checler F
CS Institut de Pharmacologie Moleculaire et Cellulaire, UPR 411 du CNRS, Sophia Antipolis, Valbonne, France.
SO Journal of neurochemistry, (1997 Dec) 69 (6) 2494-9.
Journal code: 2985190R. ISSN: 0022-3042.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199712
ED Entered STN: 19980109
Last Updated on STN: 20000303
Entered Medline: 19971212

L5 ANSWER 8 OF 79 MEDLINE on STN
AN 1998019774 MEDLINE
DN PubMed ID: 9356926
TI Lack of interactions between amyloid precursor protein and hydrophilic domains of **presenilin 1** and 2 using the yeast two hybrid system.
AU Kim S S; Choi Y M; Suh Y H
CS Department of Pharmacology, College of Medicine, Seoul National University, Korea.
SO Journal of molecular neuroscience : MN, (1997 Aug) 9 (1) 49-54.
Journal code: 9002991. ISSN: 0895-8696.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199801

ED Entered STN: 19980206
 Last Updated on STN: 19980206
 Entered Medline: 19980127

L5 ANSWER 9 OF 79 MEDLINE on STN
 AN 1998019211 MEDLINE
 DN PubMed ID: 9353300
 TI Evidence that levels of **presenilins** (PS1 and PS2) are coordinately regulated by competition for limiting cellular factors.
 AU Thinakaran G; Harris C L; Ratovitski T; Davenport F; Slunt H H; Price D L; Borchelt D R; Sisodia S S
 CS Department of Pathology, The Johns Hopkins University School of Medicine, Baltimore, Maryland 21205-2196, USA.. gopal@welchlink.welch.jhu.edu
 NC 1P01 AG14248 (NIA)
 SO Journal of biological chemistry, (1997 Nov 7) 272 (45) 28415-22.
 Journal code: 2985121R. ISSN: 0021-9258.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199712
 ED Entered STN: 19980109
 Last Updated on STN: 19980109
 Entered Medline: 19971212

L5 ANSWER 10 OF 79 MEDLINE on STN
 AN 1998014430 MEDLINE
 DN PubMed ID: 9354339
 TI Accelerated amyloid deposition in the brains of transgenic mice coexpressing **mutant presenilin 1** and amyloid precursor proteins.
 AU Borchelt D R; Ratovitski T; van Lare J; Lee M K; Gonzales V; Jenkins N A; Copeland N G; Price D L; Sisodia S S
 CS Department of Pathology, Johns Hopkins School of Medicine, Baltimore, Maryland 21205, USA.
 NC AG05146 (NIA)
 AG14248 (NIA)
 NS 20471 (NINDS)
 SO Neuron, (1997 Oct) 19 (4) 939-45.
 Journal code: 8809320. ISSN: 0896-6273.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199711
 ED Entered STN: 19971224
 Last Updated on STN: 19971224
 Entered Medline: 19971121

L5 ANSWER 11 OF 79 MEDLINE on STN
 AN 1998008864 MEDLINE
 DN PubMed ID: 9344855
 TI **Presenilin 1** binds to amyloid precursor protein directly.
 AU Waragai M; Imafuku I; Takeuchi S; Kanazawa I; Oyama F; Udagawa Y; Kawabata M; Okazawa H
 CS Department of Neurology, Faculty of Medicine, University of Tokyo, Japan.
 SO Biochemical and biophysical research communications, (1997 Oct 20) 239 (2) 480-2.
 Journal code: 0372516. ISSN: 0006-291X.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199711

ED Entered STN: 19971224
 Last Updated on STN: 19971224
 Entered Medline: 19971117

L5 ANSWER 12 OF 79 MEDLINE on STN
 AN 97463700 MEDLINE
 DN PubMed ID: 9340870
 TI [Alzheimer's disease and genes].
 Alzheimers sygdom og generne.
 AU Jorgensen A L; Johannsen P
 CS Aarhus Universitet, Institut for Human Genetik.. alj@humgen.aau.dk
 SO Ugeskrift for laeger, (1997 Sep 15) 159 (38) 5648-52. Ref: 40
 Journal code: 0141730. ISSN: 0041-5782.
 CY Denmark
 DT Journal; Article; (JOURNAL ARTICLE)
 General Review; (REVIEW)
 (REVIEW, TUTORIAL)
 LA Danish
 FS Priority Journals
 EM 199710
 ED Entered STN: 19971105
 Last Updated on STN: 19980206
 Entered Medline: 19971021

L5 ANSWER 13 OF 79 MEDLINE on STN
 AN 97454759 MEDLINE
 DN PubMed ID: 8980016
 TI The gene defects responsible for familial Alzheimer's disease.
 AU Tanzi R E; Kovacs D M; Kim T W; Moir R D; Guenette S Y; Wasco W
 CS Department of Neurology, Massachusetts General Hospital, Harvard Medical
 School, Charlestown 02129, USA.
 SO Neurobiology of disease, (1996) 3 (3) 159-68. Ref: 80
 Journal code: 9500169. ISSN: 0969-9961.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 General Review; (REVIEW)
 (REVIEW, TUTORIAL)
 LA English
 FS Priority Journals
 EM 199710
 ED Entered STN: 19971105
 Last Updated on STN: 19980206
 Entered Medline: 19971023

L5 ANSWER 14 OF 79 MEDLINE on STN
 AN 97450985 MEDLINE
 DN PubMed ID: 9305918
 TI Endoproteolytic processing and stabilization of wild-type and
mutant presenilin.
 AU Ratovitski T; Slunt H H; Thinakaran G; Price D L; Sisodia S S; Borchelt D
 R
 CS Division of Neuropathology, Johns Hopkins School of Medicine, Baltimore,
 Maryland 21205, USA.
 NC AG05146 (NIA)
 AG07914 (NIA)
 NS10580 (NINDS)
 +
 SO Journal of biological chemistry, (1997 Sep 26) 272 (39)
 24536-41.
 Journal code: 2985121R. ISSN: 0021-9258.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals

EM 199710
 ED Entered STN: 19971105
 Last Updated on STN: 19971105
 Entered Medline: 19971023

L5 ANSWER 15 OF 79 MEDLINE on STN
 AN 97438396 MEDLINE
 DN PubMed ID: 9292885
 TI G protein subunit levels in fibroblasts from familial Alzheimer's disease patients: lower levels of high molecular weight Gs alpha isoform in patients with decreased beta-adrenergic receptor stimulated cAMP formation.
 AU Shanahan C; Gibson G E; Cowburn R F; Johnston J A; Wiehager B; Lannfelt L; O'Neill C
 CS Department of Biochemistry, University College, Lee Maltings, Cork, Ireland.
 NC 11921
 SO Neuroscience letters, (1997 Aug 22) 232 (1) 33-6.
 Journal code: 7600130. ISSN: 0304-3940.
 CY Ireland
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199710
 ED Entered STN: 19971105
 Last Updated on STN: 20000303
 Entered Medline: 19971023

L5 ANSWER 16 OF 79 MEDLINE on STN
 AN 97403539 MEDLINE
 DN PubMed ID: 9258895
 TI Distinct processing of endogenous and overexpressed recombinant **presenilin 1**.
 AU Baumann K; Paganetti P A; Sturchler-Pierrat C; Wong C; Hartmann H; Cescato R; Frey P; Yankner B A; Sommer B; Staufenbiel M
 CS Nervous System Research, Novartis Pharma Inc., Basel, Switzerland.
 SO Neurobiology of aging, (1997 Mar-Apr) 18 (2) 181-9.
 Journal code: 8100437. ISSN: 0197-4580.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199709
 ED Entered STN: 19971013
 Last Updated on STN: 19980206
 Entered Medline: 19970926

L5 ANSWER 17 OF 79 MEDLINE on STN
 AN 97400548 MEDLINE
 DN PubMed ID: 9252383
 TI **Presenilins** are processed by caspase-type proteases.
 AU Loetscher H; Deuschle U; Brockhaus M; Reinhardt D; Nelboeck P; Mous J; Grunberg J; Haass C; Jacobsen H
 CS Pharma Division, Preclinical Central Nervous System Research-GeneTechnology, F. Hoffmann-La Roche Ltd., Ch-4070 Basel, Switzerland.
 SO Journal of biological chemistry, (1997 Aug 15) 272 (33) 20655-9.
 Journal code: 2985121R. ISSN: 0021-9258.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199709
 ED Entered STN: 19970916
 Last Updated on STN: 20000303

Entered Medline: 19970904

L5 ANSWER 18 OF 79 MEDLINE on STN
AN 97369208 MEDLINE
DN PubMed ID: 9225696
TI Early-onset Alzheimer's disease with a **presenilin-1 mutation** at the site corresponding to the Volga German **presenilin-2 mutation**.
AU Crook R; Ellis R; Shanks M; Thal L J; Perez-Tur J; Baker M; Hutton M; Haltia T; Hardy J; Galasko D
CS Department of Psychiatry, University of South Florida, Tampa, USA.
NC AG05131 (NIA)
SO Annals of neurology, (1997 Jul) 42 (1) 124-8.
Journal code: 7707449. ISSN: 0364-5134.
CY United States
DT (CASE REPORTS)
Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199708
ED Entered STN: 19970825
Last Updated on STN: 19980206
Entered Medline: 19970812

L5 ANSWER 19 OF 79 MEDLINE on STN
AN 97368345 MEDLINE
DN PubMed ID: 9223340
TI Interaction between amyloid precursor protein and **presenilins** in mammalian cells: implications for the pathogenesis of Alzheimer disease.
AU Xia W; Zhang J; Perez R; Koo E H; Selkoe D J
CS Department of Neurology, Harvard Medical School, Center for Neurologic Diseases, Brigham and Women's Hospital, Boston, MA 02115, USA.
NC AG05134 (NIA)
AG12376 (NIA)
AG12749 (NIA)
+
SO Proceedings of the National Academy of Sciences of the United States of America, (1997 Jul 22) 94 (15) 8208-13.
Journal code: 7505876. ISSN: 0027-8424.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199708
ED Entered STN: 19970908
Last Updated on STN: 19980206
Entered Medline: 19970827

L5 ANSWER 20 OF 79 MEDLINE on STN
AN 97366296 MEDLINE
DN PubMed ID: 9223106
TI **Presenilin 1** interaction in the brain with a novel member of the Armadillo family.
AU Zhou J; Liyanage U; Medina M; Ho C; Simmons A D; Lovett M; Kosik K S
CS Department of Neurology, Brigham and Women's Hospital, Boston, MA, USA.
SO Neuroreport, (1997 May 27) 8 (8) 2085-90.
Journal code: 9100935. ISSN: 0959-4965.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
OS GENBANK-U96136
EM 199708
ED Entered STN: 19970916

Last Updated on STN: 19990129
Entered Medline: 19970829

L5 ANSWER 21 OF 79 MEDLINE on STN
AN 97366243 MEDLINE
DN PubMed ID: 9223053
TI **Presenilins** and early-onset familial Alzheimer's disease.
AU Rohan de Silva H A; Patel A J
CS Department of Biochemistry, Charing Cross & Westminster Medical School,
London, UK.
SO Neuroreport, (1997 May 27) 8 (8) i-xii. Ref: 145
Journal code: 9100935. ISSN: 0959-4965.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)
(REVIEW, ACADEMIC)
LA English
FS Priority Journals
EM 199708
ED Entered STN: 19970916
Last Updated on STN: 19980206
Entered Medline: 19970829

L5 ANSWER 22 OF 79 MEDLINE on STN
AN 97364828 MEDLINE
DN PubMed ID: 9219695
TI Alternative cleavage of Alzheimer-associated **presenilins** during
apoptosis by a caspase-3 family protease.
AU Kim T W; Pettingell W H; Jung Y K; Kovacs D M; Tanzi R E
CS Genetics and Aging Unit, Department of Neurology, Massachusetts General
Hospital, Harvard Medical School, Charlestown, MA 02129, USA.
SO Science, (1997 Jul 18) 277 (5324) 373-6.
Journal code: 0404511. ISSN: 0036-8075.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199803
ED Entered STN: 19980407
Last Updated on STN: 20000303
Entered Medline: 19980323

L5 ANSWER 23 OF 79 MEDLINE on STN
AN 97355621 MEDLINE
DN PubMed ID: 9212102
TI Hyperaccumulation of FAD-linked **presenilin** 1 variants in vivo.
CM Comment in: Nat Med. 1997 Jul;3(7):723-5. PubMed ID: 9212094
AU Lee M K; Borchelt D R; Kim G; Thinakaran G; Slunt H H; Ratovitski T;
Martin L J; Kittur A; Gandy S; Levey A I; Jenkins N; Copeland N; Price D
L; Sisodia S S
CS Department of Pathology, Johns Hopkins School of Medicine, Baltimore,
Maryland 21205, USA.
NC 1 P01-AG 14248 (NIA)
AG 05146 (NIA)
NS 20471 (NINDS)
+
SO Nature medicine, (1997 Jul) 3 (7) 756-60.
Journal code: 9502015. ISSN: 1078-8956.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199708
ED Entered STN: 19970813

Last Updated on STN: 19980206
Entered Medline: 19970804

L5 ANSWER 24 OF 79 MEDLINE on STN
AN 97333793 MEDLINE
DN PubMed ID: 9189920
TI Processing of **presenilin 1** in brains of patients with
Alzheimer's disease and controls.
AU Hendriks L; Thinakaran G; Harris C L; De Jonghe C; Martin J J; Sisodia S
S; Van Broeckhoven C
CS Department of Biochemistry, Flanders Interuniversity Institute for
Biotechnology, Born-Bunge Foundation, University of Antwerp, Belgium.
NC 1P01 AG 14248 (NIA)
AG05146 (NIA)
NS 20471 (NINDS)
SO Neuroreport, (1997 May 6) 8 (7) 1717-21.
Journal code: 9100935. ISSN: 0959-4965.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199707
ED Entered STN: 19970812
Last Updated on STN: 19980206
Entered Medline: 19970731

L5 ANSWER 25 OF 79 MEDLINE on STN
AN 97332881 MEDLINE
DN PubMed ID: 9189043
TI A novel **presenilin-1 mutation**: increased beta-amyloid
and neurofibrillary changes.
AU Gomez-Isla T; Wasco W; Pettingell W P; Gurubhagavatula S; Schmidt S D;
Jondro P D; McNamara M; Rodes L A; DiBlasi T; Growdon W B; Seubert P;
Schenk D; Growdon J H; Hyman B T; Tanzi R E
CS Genetics and Aging Unit, Massachusetts General Hospital, Harvard Medical
School, Charlestown 01219, USA.
NC AG05134 (NIA)
AG08487 (NIA)
NS30428 (NINDS)
SO Annals of neurology, (1997 Jun) 41 (6) 809-13.
Journal code: 7707449. ISSN: 0364-5134.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199707
ED Entered STN: 19970721
Last Updated on STN: 19980206
Entered Medline: 19970710

L5 ANSWER 26 OF 79 MEDLINE on STN
AN 97332873 MEDLINE
DN PubMed ID: 9189035
TI **Presenilin-1** protein expression in familial and sporadic
Alzheimer's disease.
AU Levey A I; Heilman C J; Lah J J; Nash N R; Rees H D; Wakai M; Mirra S S;
Rye D B; Nochlin D; Bird T D; Mufson E J
CS Department of Neurology, Emory University School of Medicine, Atlanta, GA
30322, USA.
NC AG 10130 (NIA)
AG 10161 (NIA)
AG 10668 (NIA)
+
SO Annals of neurology, (1997 Jun) 41 (6) 742-53.

Journal code: 7707449. ISSN: 0364-5134.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199707
ED Entered STN: 19970721
Last Updated on STN: 19980206
Entered Medline: 19970710

L5 ANSWER 27 OF 79 MEDLINE on STN
AN 97331022 MEDLINE
DN PubMed ID: 9185547
TI Neuronal localization of **presenilin-1** and association with
amyloid plaques and neurofibrillary tangles in Alzheimer's disease.
AU Busciglio J; Hartmann H; Lorenzo A; Wong C; Baumann K; Sommer B;
Staufenbiel M; Yankner B A
CS Department of Neurology, Harvard Medical School and Division of
Neuroscience, The Children's Hospital, Boston, Massachusetts 02115, USA.
NC NS30352 (NINDS)
NS33325 (NINDS)
P30-HD18655 (NICHD)
SO Journal of neuroscience : official journal of the Society for
Neuroscience, (1997 Jul 1) 17 (13) 5101-7.
Journal code: 8102140. ISSN: 0270-6474.

CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199707
ED Entered STN: 19970724
Last Updated on STN: 19980206
Entered Medline: 19970717

L5 ANSWER 28 OF 79 MEDLINE on STN
AN 97317150 MEDLINE
DN PubMed ID: 9173929
TI **Presenilin** proteins undergo heterogeneous endoproteolysis
between Thr291 and Ala299 and occur as stable N- and C-terminal fragments
in normal and Alzheimer brain tissue.
AU Podlisny M B; Citron M; Amarante P; Sherrington R; Xia W; Zhang J; Diehl
T; Levesque G; Fraser P; Haass C; Koo E H; Seubert P; St George-Hyslop P;
Teplow D B; Selkoe D J
CS Center for Neurologic Diseases, Harvard Medical School, Boston,
Massachusetts, 02115, USA.
NC AG05134 (NIA)
AG12749 (NIA)
SO Neurobiology of disease, (1997) 3 (4) 325-37.
Journal code: 9500169. ISSN: 0969-9961.

CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199707
ED Entered STN: 19970724
Last Updated on STN: 19980206
Entered Medline: 19970717

L5 ANSWER 29 OF 79 MEDLINE on STN
AN 97316232 MEDLINE
DN PubMed ID: 9172160
TI **Presenilin 1** interaction in the brain with a novel member of the
Armadillo family.
AU Zhou J; Liyanage U; Medina M; Ho C; Simmons A D; Lovett M; Kosik K S

CS Department of Neurology, Brigham and Women's Hospital, Boston, MA, USA.
SO Neuroreport, (1997 Apr 14) 8 (6) 1489-94.
Journal code: 9100935. ISSN: 0959-4965.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
OS GENBANK-X79293; GENBANK-X81889; GENBANK-Z17804
EM 199708
ED Entered STN: 19970813
Last Updated on STN: 19970813
Entered Medline: 19970807

L5 ANSWER 30 OF 79 MEDLINE on STN
AN 97313412 MEDLINE
DN PubMed ID: 9169406
TI Developmental regulation of **presenilin-1** processing in the brain suggests a role in neuronal differentiation.
AU Hartmann H; Busciglio J; Baumann K H; Staufenbiel M; Yankner B A
CS Department of Neurology, Harvard Medical School and Division of Neuroscience, The Children's Hospital, Boston, MA 02115, USA.
NC NS30352 (NINDS)
NS33325 (NINDS)
SO Journal of biological chemistry, (1997 Jun 6) 272 (23) 14505-8.
Journal code: 2985121R. ISSN: 0021-9258.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199706
ED Entered STN: 19970709
Last Updated on STN: 19970709
Entered Medline: 19970626

L5 ANSWER 31 OF 79 MEDLINE on STN
AN 97304391 MEDLINE
DN PubMed ID: 9160754
TI Skeletal and CNS defects in **Presenilin-1**-deficient mice.
AU Shen J; Bronson R T; Chen D F; Xia W; Selkoe D J; Tonegawa S
CS Center for Cancer Research, Department of Biology, Massachusetts Institute of Technology, Cambridge 02139, USA.
NC AG06173 (NIA)
NS32925 (NINDS)
SO Cell, (1997 May 16) 89 (4) 629-39.
Journal code: 0413066. ISSN: 0092-8674.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199706
ED Entered STN: 19970620
Last Updated on STN: 19980206
Entered Medline: 19970612

L5 ANSWER 32 OF 79 MEDLINE on STN
AN 97298828 MEDLINE
DN PubMed ID: 9154244
TI Unraveling the molecular pathway of Alzheimer's disease: research about **presenilins** gathers momentum.
AU Sandbrink R; Beyreuther K
CS Central Institute for Mental Health, Mannheim, Germany, .
ruperts@sun0.urz.uni-heidelberg.de
SO Molecular psychiatry, (1996 Dec) 1 (6) 438-44. Ref: 54
Journal code: 9607835. ISSN: 1359-4184.

CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)
(REVIEW, TUTORIAL)
LA English
FS Priority Journals
EM 199706
ED Entered STN: 19970620
Last Updated on STN: 19980206
Entered Medline: 19970609

L5 ANSWER 33 OF 79 MEDLINE on STN
AN 97297761 MEDLINE
DN PubMed ID: 9153393
TI **Presenilin** 1 is required for Notch1 and DII1 expression in the
paraxial mesoderm.
AU Wong P C; Zheng H; Chen H; Becher M W; Sirinathsinghji D J; Trumbauer M E;
Chen H Y; Price D L; Van der Ploeg L H; Sisodia S S
CS Department of Pathology, The Johns Hopkins University School of Medicine,
Baltimore, Maryland 21205, USA.. pcwong@welchlink.welch.jhu.edu
SO Nature, (1997 May 15) 387 (6630) 288-92.
Journal code: 0410462. ISSN: 0028-0836.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199705
ED Entered STN: 19970609
Last Updated on STN: 19970609
Entered Medline: 19970529

L5 ANSWER 34 OF 79 MEDLINE on STN
AN 97289724 MEDLINE
DN PubMed ID: 9144195
TI Evidence for phosphorylation and oligomeric assembly of **presenilin**
1.
AU Seeger M; Nordstedt C; Petanceska S; Kovacs D M; Gouras G K; Hahne S;
Fraser P; Levesque L; Czernik A J; George-Hyslop P S; Sisodia S S;
Thinakaran G; Tanzi R E; Greengard P; Gandy S
CS Laboratory of Alzheimer Research, Department of Neurology and
Neuroscience, Cornell University Medical College, New York, NY 10021, USA.
NC AG09464 (NIA)
AG11508 (NIA)
AG13780 (NIA)
+
SO Proceedings of the National Academy of Sciences of the United States of
America, (1997 May 13) 94 (10) 5090-4.
Journal code: 7505876. ISSN: 0027-8424.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199706
ED Entered STN: 19970612
Last Updated on STN: 19970612
Entered Medline: 19970605

L5 ANSWER 35 OF 79 MEDLINE on STN
AN 97285868 MEDLINE
DN PubMed ID: 9141085
TI Cloning and characterization of the Drosophila **presenilin**
homologue.
AU Boulianne G L; Livne-Bar I; Humphreys J M; Liang Y; Lin C; Rogaev E; St
George-Hyslop P

CS Hospital for Sick Children, Department of Physiology and Zoology,
 University of Toronto, Ontario, Canada.
 SO Neuroreport, (1997 Mar 3) 8 (4) 1025-9.
 Journal code: 9100935. ISSN: 0959-4965.
 CY ENGLAND: United Kingdom
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 OS GENBANK-U77934
 EM 199707
 ED Entered STN: 19970724
 Last Updated on STN: 19990129
 Entered Medline: 19970714

L5 ANSWER 36 OF 79 MEDLINE on STN
 AN 97275964 MEDLINE
 DN PubMed ID: 9129725
 TI No association between the intronic **presenilin-1** polymorphism
 and Alzheimer's disease in clinic and population-based samples.
 AU Cai X; Stanton J; Fallin D; Hoyne J; Duara R; Gold M; Sevush S; Scibelli
 P; Crawford F; Mullan M
 CS Roskamp Laboratories, Department of Psychiatry, University of South
 Florida, Tampa 33613, USA.
 NC RO1-AG12412 (NIA)
 SO American journal of medical genetics, (1997 Apr 18) 74 (2)
 202-3.
 Journal code: 7708900. ISSN: 0148-7299.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199706
 ED Entered STN: 19970630
 Last Updated on STN: 19980206
 Entered Medline: 19970618

L5 ANSWER 37 OF 79 MEDLINE on STN
 AN 97268991 MEDLINE
 DN PubMed ID: 9110991
 TI Endoproteolytic cleavage and proteasomal degradation of **presenilin**
 2 in transfected cells.
 AU Kim T W; Pettingell W H; Hallmark O G; Moir R D; Wasco W; Tanzi R E
 CS Genetics and Aging Unit, Department of Neurology, Massachusetts General
 Hospital, Harvard Medical School, Charlestown, Massachusetts 02129, USA.
 SO Journal of biological chemistry, (1997 Apr 25) 272 (17)
 11006-10.
 Journal code: 2985121R. ISSN: 0021-9258.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199705
 ED Entered STN: 19970602
 Last Updated on STN: 20000303
 Entered Medline: 19970521

L5 ANSWER 38 OF 79 MEDLINE on STN
 AN 97265872 MEDLINE
 DN PubMed ID: 9111731
 TI Tau phosphorylation in cells transfected with wild-type or an Alzheimer's
 disease **mutant Presenilin 1**.
 AU Irving N G; Miller C C
 CS Department of Neuroscience, Institute of Psychiatry, Denmark Hill, London,
 UK.

SO Neuroscience letters, (1997 Jan 31) 222 (2) 71-4.
 Journal code: 7600130. ISSN: 0304-3940.
 CY Ireland
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199705
 ED Entered STN: 19970523
 Last Updated on STN: 20021218
 Entered Medline: 19970512

L5 ANSWER 39 OF 79 MEDLINE on STN
 AN 97260623 MEDLINE
 DN PubMed ID: 9106743
 TI Isolation and characterization of Drosophila **presenilin** homolog.
 AU Hong C S; Koo E H
 CS Department of Neurology, Harvard Medical School, Boston MA 02115, USA.
 NC AG12376 (NIA)
 NS01812 (NINDS)

SO Neuroreport, (1997 Feb 10) 8 (3) 665-8.
 Journal code: 9100935. ISSN: 0959-4965.
 CY ENGLAND: United Kingdom
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 OS GENBANK-U78084
 EM 199707
 ED Entered STN: 19970721
 Last Updated on STN: 19980206
 Entered Medline: 19970703

L5 ANSWER 40 OF 79 MEDLINE on STN
 AN 97218236 MEDLINE
 DN PubMed ID: 9065468
 TI Enhanced production and oligomerization of the 42-residue amyloid
 beta-protein by Chinese hamster ovary cells stably expressing
mutant presenilins.
 AU Xia W; Zhang J; Kholodenko D; Citron M; Podlisny M B; Teplow D B; Haass C;
 Seubert P; Koo E H; Selkoe D J
 CS Department of Neurology, Harvard Medical School and Center for Neurologic
 Diseases, Brigham and Women's Hospital, Boston, Massachusetts 02115, USA.
 NC AG06173 (NIA)
 AG12376 (NIA)

SO Journal of biological chemistry, (1997 Mar 21) 272 (12) 7977-82.
 Journal code: 2985121R. ISSN: 0021-9258.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199704
 ED Entered STN: 19970506
 Last Updated on STN: 19970506
 Entered Medline: 19970418

L5 ANSWER 41 OF 79 MEDLINE on STN
 AN 97205210 MEDLINE
 DN PubMed ID: 9052714
 TI Exploring the etiology of Alzheimer disease using molecular genetics.
 AU Lendon C L; Ashall F; Goate A M
 CS Department of Psychiatry, Washington University School of Medicine, St
 Louis, MO 63110, USA.
 NC AG00634 (NIA)

SO JAMA : journal of the American Medical Association, (1997 Mar 12)
 277 (10) 825-31. Ref: 130

Journal code: 7501160. ISSN: 0098-7484.

CY United States
DT Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)
(REVIEW, ACADEMIC)
LA English
FS Abridged Index Medicus Journals; Priority Journals
EM 199703
ED Entered STN: 19970327
Last Updated on STN: 19980206
Entered Medline: 19970319

L5 ANSWER 42 OF 79 MEDLINE on STN
AN 97144360 MEDLINE
DN PubMed ID: 8990127
TI Developmental regulation of **presenilin** mRNA expression parallels notch expression.
AU Berezovska O; Xia M Q; Page K; Wasco W; Tanzi R E; Hyman B T
CS Alzheimer Research Unit, Laboratory of Genetics and Aging, Massachusetts General Hospital, Harvard Medical School, Boston 02114, USA.
NC 3P50 AG 05134 (NIA)
SO Journal of neuropathology and experimental neurology, (1997 Jan) 56 (1) 40-4.
Journal code: 2985192R. ISSN: 0022-3069.

CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199701
ED Entered STN: 19970219
Last Updated on STN: 19970219
Entered Medline: 19970131

L5 ANSWER 43 OF 79 MEDLINE on STN
AN 97140261 MEDLINE
DN PubMed ID: 8986743
TI **Mutant presenilins** of Alzheimer's disease increase production of 42-residue amyloid beta-protein in both transfected cells and transgenic mice.
CM Comment in: Nat Med. 1997 Jan;3(1):28-9. PubMed ID: 8986735
AU Citron M; Westaway D; Xia W; Carlson G; Diehl T; Levesque G; Johnson-Wood K; Lee M; Seubert P; Davis A; Kholodenko D; Motter R; Sherrington R; Perry B; Yao H; Strome R; Lieberburg I; Rommens J; Kim S; Schenk D; Fraser P; St George Hyslop P; Selkoe D J
CS Center for Neurologic Diseases, Brigham and Women's Hospital, Boston, Massachusetts, USA.
NC AG 06173 (NIA)
AG 106812 (NIA)
AG 12749 (NIA)
SO Nature medicine, (1997 Jan) 3 (1) 67-72.
Journal code: 9502015. ISSN: 1078-8956.

CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199701
ED Entered STN: 19970219
Last Updated on STN: 19980206
Entered Medline: 19970131

L5 ANSWER 44 OF 79 MEDLINE on STN
AN 97092713 MEDLINE
DN PubMed ID: 8938133
TI Protein topology of **presenilin** 1.

AU Doan A; Thinakaran G; Borchelt D R; Slunt H H; Ratovitsky T; Podlisny M;
 Selkoe D J; Seeger M; Gandy S E; Price D L; Sisodia S S
 CS Department of Neuroscience, The Johns Hopkins University School of
 Medicine, Baltimore, Maryland 21205, USA.
 NC AG05146 (NIA)
 AG11508 (NIA)
 NS 20471 (NINDS)
 +
 SO Neuron, (1996 Nov) 17 (5) 1023-30.
 Journal code: 8809320. ISSN: 0896-6273.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199701
 ED Entered STN: 19970128
 Last Updated on STN: 19970128
 Entered Medline: 19970107

L5 ANSWER 45 OF 79 MEDLINE on STN
 AN 97092711 MEDLINE
 DN PubMed ID: 8938131
 TI Familial Alzheimer's disease-linked **presenilin 1** variants
 elevate Abeta1-42/1-40 ratio in vitro and in vivo.
 AU Borchelt D R; Thinakaran G; Eckman C B; Lee M K; Davenport F; Ratovitsky
 T; Prada C M; Kim G; Seekins S; Yager D; Slunt H H; Wang R; Seeger M;
 Levey A I; Gandy S E; Copeland N G; Jenkins N A; Price D L; Younkin S G;
 Sisodia S S
 CS Department of Pathology, The Johns Hopkins University School of Medicine,
 Baltimore, Maryland 21205, USA.
 NC AG05146 (NIA)
 AG05689 (NIA)
 NS 20471 (NINDS)
 +
 SO Neuron, (1996 Nov) 17 (5) 1005-13.
 Journal code: 8809320. ISSN: 0896-6273.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199701
 ED Entered STN: 19970128
 Last Updated on STN: 19980206
 Entered Medline: 19970107

L5 ANSWER 46 OF 79 MEDLINE on STN
 AN 97085570 MEDLINE
 DN PubMed ID: 8931704
 TI A novel **mutation** of **presenilin 1** in familial
 Alzheimer's disease in Israel detected by denaturing gradient gel
 electrophoresis.
 AU Reznik-Wolf H; Treves T A; Davidson M; Aharon-Peretz J; St George Hyslop P
 H; Chapman J; Korczyn A D; Goldman B; Friedman E
 CS Oncogenetics Unit, Chaim Sheba Medical Center, Tel-Hashomer, Israel..
 feitan@post.tau.ac.il
 SO Human genetics, (1996 Dec) 98 (6) 700-2.
 Journal code: 7613873. ISSN: 0340-6717.
 CY GERMANY: Germany, Federal Republic of
 DT (CASE REPORTS)
 Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199701
 ED Entered STN: 19970128

Last Updated on STN: 19980206
Entered Medline: 19970106

L5 ANSWER 47 OF 79 MEDLINE on STN
AN 97081125 MEDLINE
DN PubMed ID: 8922407
TI Expression of **presenilin** 1 and 2 (**PS1** and **PS2**) in
human and murine tissues.
AU Lee M K; Slunt H H; Martin L J; Thinakaran G; Kim G; Gandy S E; Seeger M;
Koo E; Price D L; Sisodia S S
CS Department of Pathology, The Johns Hopkins University School of Medicine,
Baltimore, Maryland 21205, USA.
NC AG05146 (NIA)
NS20471 (NINDS)
SO Journal of neuroscience : official journal of the Society for
Neuroscience, (1996 Dec 1) 16 (23) 7513-25.
Journal code: 8102140. ISSN: 0270-6474.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199701
ED Entered STN: 19970128
Last Updated on STN: 19970128
Entered Medline: 19970106

L5 ANSWER 48 OF 79 MEDLINE on STN
AN 97032729 MEDLINE
DN PubMed ID: 8878479
TI Increased amyloid-beta42(43) in brains of mice expressing **mutant**
presenilin 1.
AU Duff K; Eckman C; Zehr C; Yu X; Prada C M; Perez-tur J; Hutton M; Buee L;
Harigaya Y; Yager D; Morgan D; Gordon M N; Holcomb L; Refolo L; Zenk B;
Hardy J; YOUNKIN S
CS Suncoast Alzheimer's Disease Laboratories, University of South Florida,
Tampa, 33612, USA.
SO Nature, (1996 Oct 24) 383 (6602) 710-3.
Journal code: 0410462. ISSN: 0028-0836.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199612
ED Entered STN: 19970128
Last Updated on STN: 19970128
Entered Medline: 19961210

L5 ANSWER 49 OF 79 MEDLINE on STN
AN 96434693 MEDLINE
DN PubMed ID: 8837617
TI The E280A **presenilin** 1 Alzheimer **mutation** produces
increased A beta 42 deposition and severe cerebellar pathology.
AU Lemere C A; Lopera F; Kosik K S; Lendon C L; Ossa J; Saido T C; Yamaguchi
H; Ruiz A; Martinez A; Madrigal L; Hincapie L; Arango J C; Anthony D C;
Koo E H; Goate A M; Selkoe D J; Arango J C
CS Center for Neurologic Diseases, Harvard Medical School, Brigham and
Women's Hospital, Boston, Massachusetts 02115, USA.
NC AG 00634 (NIA)
AG 06173 (NIA)
SO Nature medicine, (1996 Oct) 2 (10) 1146-50.
Journal code: 9502015. ISSN: 1078-8956.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English

FS Priority Journals
EM 199611
ED Entered STN: 19961219
Last Updated on STN: 19980206
Entered Medline: 19961104

L5 ANSWER 50 OF 79 MEDLINE on STN
AN 96397521 MEDLINE
DN PubMed ID: 8804415
TI Alzheimer's **presenilin** 1 gene expression in platelets and megakaryocytes. Identification of a novel splice variant.
AU Vidal R; Ghiso J; Wisniewski T; Frangione B
CS Department of Pathology, New York University Medical Center, NY 10016, USA.. Ruben.Vidal@MCFPO.med.nyu.edu
NC AG05891 (NIA)
AG10953 (NIA)
AR 02594 (NIAMS)
SO FEBS letters, (1996 Sep 9) 393 (1) 19-23.
Journal code: 0155157. ISSN: 0014-5793.
CY Netherlands
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199611
ED Entered STN: 19961219
Last Updated on STN: 19980206
Entered Medline: 19961107

L5 ANSWER 51 OF 79 MEDLINE on STN
AN 96392394 MEDLINE
DN PubMed ID: 8799182
TI Expression and analysis of **presenilin** 1 in a human neuronal system: localization in cell bodies and dendrites.
AU Cook D G; Sung J C; Golde T E; Felsenstein K M; Wojczyk B S; Tanzi R E; Trojanowski J Q; Lee V M; Doms R W
CS Department of Pathology and Laboratory Medicine, University of Pennsylvania, Philadelphia 19104, USA.
NC P01 AG 11542 (NIA)
SO Proceedings of the National Academy of Sciences of the United States of America, (1996 Aug 20) 93 (17) 9223-8.
Journal code: 7505876. ISSN: 0027-8424.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199610
ED Entered STN: 19961219
Last Updated on STN: 19980206
Entered Medline: 19961031

L5 ANSWER 52 OF 79 MEDLINE on STN
AN 96335614 MEDLINE
DN PubMed ID: 8766720
TI Characterization of human **presenilin** 1 using N-terminal specific monoclonal antibodies: Evidence that Alzheimer **mutations** affect proteolytic processing.
AU Mercken M; Takahashi H; Honda T; Sato K; Murayama M; Nakazato Y; Noguchi K; Imahori K; Takashima A
CS Mitsubishi Kasei Institute of Life Sciences, Tokyo, Japan.
SO FEBS letters, (1996 Jul 8) 389 (3) 297-303.
Journal code: 0155157. ISSN: 0014-5793.
CY Netherlands
DT Journal; Article; (JOURNAL ARTICLE)
LA English

FS Priority Journals
 EM 199609
 ED Entered STN: 19961008
 Last Updated on STN: 19980206
 Entered Medline: 19960923

L5 ANSWER 53 OF 79 MEDLINE on STN
 AN 96313099 MEDLINE
 DN PubMed ID: 8705854
 TI Secreted amyloid beta-protein similar to that in the senile plaques of Alzheimer's disease is increased in vivo by the **presenilin 1** and 2 and APP **mutations** linked to familial Alzheimer's disease.
 CM Comment in: Nat Med. 1996 Aug;2(8):850-2. PubMed ID: 8705846
 AU Scheuner D; Eckman C; Jensen M; Song X; Citron M; Suzuki N; Bird T D; Hardy J; Hutton M; Kukull W; Larson E; Levy-Lahad E; Viitanen M; Peskind E; Poorkaj P; Schellenberg G; Tanzi R; Wasco W; Lannfelt L; Selkoe D; Younkin S
 CS Department of Neuroscience, Case Western Reserve University, Cleveland, Ohio 44106, USA.
 SO Nature medicine, (1996 Aug) 2 (8) 864-70.
 Journal code: 9502015. ISSN: 1078-8956.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199609
 ED Entered STN: 19960919
 Last Updated on STN: 19980206
 Entered Medline: 19960909

L5 ANSWER 54 OF 79 MEDLINE on STN
 AN 96310888 MEDLINE
 DN PubMed ID: 8755489
 TI Endoproteolysis of **presenilin 1** and accumulation of processed derivatives in vivo.
 AU Thinakaran G; Borchelt D R; Lee M K; Slunt H H; Spitzer L; Kim G; Ratovitsky T; Davenport F; Nordstedt C; Seeger M; Hardy J; Levey A I; Gandy S E; Jenkins N A; Copeland N G; Price D L; Sisodia S S
 CS Department of Pathology, The Johns Hopkins University School of Medicine, Baltimore, Maryland 21205, USA.
 NC AG05689 (NIA)
 AG11508 (NIA)
 NS20471 (NINDS)
 +
 SO Neuron, (1996 Jul) 17 (1) 181-90.
 Journal code: 8809320. ISSN: 0896-6273.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199612
 ED Entered STN: 19970128
 Last Updated on STN: 19970128
 Entered Medline: 19961223

L5 ANSWER 55 OF 79 MEDLINE on STN
 AN 96160372 MEDLINE
 DN PubMed ID: 8574969
 TI Alzheimer-associated **presenilins 1** and 2: neuronal expression in brain and localization to intracellular membranes in mammalian cells.
 AU Kovacs D M; Fausett H J; Page K J; Kim T W; Moir R D; Merriam D E; Hollister R D; Hallmark O G; Mancini R; Felsenstein K M; Hyman B T; Tanzi R E; Wasco W
 CS Genetics and Aging Unit, Massachusetts General Hospital-East, Harvard

Medical School, Charlestown 02129, USA.
 SO Nature medicine, (1996 Feb) 2 (2) 224-9.
 Journal code: 9502015. ISSN: 1078-8956.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199603
 ED Entered STN: 19960321
 Last Updated on STN: 19980206
 Entered Medline: 19960313

L5 ANSWER 56 OF 79 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 1998:50958 BIOSIS
 DN PREV199800050958
 TI Estrogens stabilize mitochondrial function and protect neural cells
 against the pro-apoptotic action of **mutant presenilin**
 -1.
 AU Mattson, Mark P. [Reprint author]; Robinson, Nic; Guo, Qing
 CS Sanders-Brown Research Center Aging, Dep. Anatomy and Neurobiol., 211
 Sanders-Brown Build., Univ. Kentucky, Lexington, KY 40536, USA
 SO Neuroreport, (Dec. 1, 1997) Vol. 8, No. 17, pp. 3817-3821. print.
 CODEN: NERPEZ. ISSN: 0959-4965.
 DT Article
 LA English
 ED Entered STN: 27 Jan 1998
 Last Updated on STN: 27 Jan 1998

L5 ANSWER 57 OF 79 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 1997:527282 BIOSIS
 DN PREV199799826485
 TI **Mutant PS1** stimulates the JNK signal transduction
 cascade.
 AU Palacino, J. J.; Alexander, P.; St.george-Hyslop, P.; Takashima, A.;
 Schultz, R.; Wolozin, B.
 CS Dep. Pharmacol., Loyola Univ. Chicago Med. Cent., Maywood, IL 60153, USA
 SO Society for Neuroscience Abstracts, (1997) Vol. 23, No. 1-2, pp. 1117.
 Meeting Info.: 27th Annual Meeting of the Society for Neuroscience. New
 Orleans, Louisiana, USA. October 25-30, 1997.
 ISSN: 0190-5295.
 DT Conference; (Meeting)
 Conference; Abstract; (Meeting Abstract)
 LA English
 ED Entered STN: 12 Dec 1997
 Last Updated on STN: 12 Dec 1997

L5 ANSWER 58 OF 79 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 1997:527281 BIOSIS
 DN PREV199799826484
 TI Effects of Alzheimer-associated **presenilin 1 mutations**
 on protein folding and on APP processing in stably transfected cells.
 AU Kovacs, D. M.; Henderson, J.; Schmidt, D. S.; Mancini, R.; Tanzi, R. E.
 CS Genet. Aging Unit, Dep. Neurol., Mass. Gen. Hosp., Charlestown, MA 02129,
 USA
 SO Society for Neuroscience Abstracts, (1997) Vol. 23, No. 1-2, pp. 1117.
 Meeting Info.: 27th Annual Meeting of the Society for Neuroscience. New
 Orleans, Louisiana, USA. October 25-30, 1997.
 ISSN: 0190-5295.
 DT Conference; (Meeting)
 Conference; Abstract; (Meeting Abstract)
 LA English
 ED Entered STN: 12 Dec 1997
 Last Updated on STN: 27 Jan 1998

L5 ANSWER 59 OF 79 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 1997:471348 BIOSIS
 DN PREV199799770551
 TI Identification of proteins that interact with **PS1** and PS2.
 AU Tesco, G.; Guenette, S.; Chen, J.; Tanzi, R. E.
 CS Genet. Aging Unit, Dep. Neurol., Mass. Gen. Hosp., Charlestown, MA 02129, USA
 SO Society for Neuroscience Abstracts, (1997) Vol. 23, No. 1-2, pp. 824.
 Meeting Info.: 27th Annual Meeting of the Society for Neuroscience, Part 1. New Orleans, Louisiana, USA. October 25-30, 1997.
 ISSN: 0190-5295.
 DT Conference; (Meeting)
 Conference; Abstract; (Meeting Abstract)
 Conference; (Meeting Poster)
 LA English
 ED Entered STN: 4 Nov 1997
 Last Updated on STN: 4 Nov 1997

L5 ANSWER 60 OF 79 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 1997:471341 BIOSIS
 DN PREV199799770544
 TI Characterization of **presenilin** overexpressing cerebellar neuronal cells.
 AU Weggen, S.; Diehlmann, A.; Ida, N.; Czech, C.; Weidemann, A.; Masters, C.; Wiestler, O. D.; Beyreuther, K.; Bayer, T. A.
 CS Dep. Neuropathol., Univ. Bonn Med. Cent., Sigmund-Freud-Str. 25, 53105 Bonn, Germany
 SO Society for Neuroscience Abstracts, (1997) Vol. 23, No. 1-2, pp. 822.
 Meeting Info.: 27th Annual Meeting of the Society for Neuroscience, Part 1. New Orleans, Louisiana, USA. October 25-30, 1997.
 ISSN: 0190-5295.
 DT Conference; (Meeting)
 Conference; Abstract; (Meeting Abstract)
 Conference; (Meeting Poster)
 LA English
 ED Entered STN: 4 Nov 1997
 Last Updated on STN: 4 Nov 1997

L5 ANSWER 61 OF 79 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 1997:468245 BIOSIS
 DN PREV199799767448
 TI Processing and targeting of APP in hippocampal neurons expressing **presenilins** that contain **mutations** involved in Alzheimer's Disease.
 AU De Strooper, Bart [Reprint author]; Levesque, Lyne; Annaert, Wim [Reprint author]; Westaway, David; Baekelandt, Veerle [Reprint author]; St George-Hyslop, Peter; Van Leuven, Fred [Reprint author]; Fraser, Paul
 CS Exp. Genetics Group, CME, K.U. Leuven, Univ. Toronto, Toronto, ON, Canada
 SO Society for Neuroscience Abstracts, (1997) Vol. 23, No. 1-2, pp. 291.
 Meeting Info.: 27th Annual Meeting of the Society for Neuroscience, Part 1. New Orleans, Louisiana, USA. October 25-30, 1997.
 ISSN: 0190-5295.
 DT Conference; (Meeting)
 Conference; Abstract; (Meeting Abstract)
 LA English
 ED Entered STN: 4 Nov 1997
 Last Updated on STN: 4 Nov 1997

L5 ANSWER 62 OF 79 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 1997:468096 BIOSIS
 DN PREV199799767299
 TI Expression of Alzheimer's disease related genes in three human astrocytic cell lines.
 AU Shepherd, C. E.; Calvert, E. L.; Cambray-Deakin, M. A.; Pearson, R. C. A.

CS Dep. Biomedical Sci., Univ. Sheffield, S10 2TN, UK
 SO Society for Neuroscience Abstracts, (1997) Vol. 23, No. 1-2, pp. 266.
 Meeting Info.: 27th Annual Meeting of the Society for Neuroscience, Part
 1. New Orleans, Louisiana, USA. October 25-30, 1997.
 ISSN: 0190-5295.

DT Conference; (Meeting)
 Conference; Abstract; (Meeting Abstract)
 Conference; (Meeting Poster)

LA English

ED Entered STN: 4 Nov 1997
 Last Updated on STN: 4 Nov 1997

L5 ANSWER 63 OF 79 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 1997:457975 BIOSIS
 DN PREV199799757178
 TI Genes implicated in the pathogenesis of Alzheimer's disease.
 AU Das, Hriday K. [Reprint author]; Lal, Harbans
 CS Dep. Pharmacology, Univ. North Tex. Health Sci. Cent., Fort Worth, TX
 76107, USA

SO Frontiers in Bioscience (online), (1997) Vol. 2, No. CITED SEPT. 9, 1997,
 pp. D253-259.

DT Article
 General Review; (Literature Review)

LA English

ED Entered STN: 27 Oct 1997
 Last Updated on STN: 27 Oct 1997

L5 ANSWER 64 OF 79 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 1997:348287 BIOSIS
 DN PREV199799647490
 TI Differential regulation of adenylyl cyclase in fibroblasts from sporadic
 and familial Alzheimer's disease cases with **PS1** and **APP**
mutations.

AU Vestling, Monika [Reprint author]; Adem, Abdu; Racchi, Marco; Gibson, Gary
 E.; Lannfelt, Lars; Cowburn, Richard F.

CS Division Geriatric Med., Karolinska Inst., Novum, Plan 4, KFC, S-141 86
 Huddinge, Sweden

SO Neuroreport, (1997) Vol. 8, No. 8, pp. 2031-2035.
 CODEN: NERPEZ. ISSN: 0959-4965.

DT Article

LA English

ED Entered STN: 11 Aug 1997
 Last Updated on STN: 11 Aug 1997

L5 ANSWER 65 OF 79 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 1997:348249 BIOSIS
 DN PREV199799647452
 TI **Presenilins** and early-onset familial Alzheimer's disease.

AU Rohan De Silva, H. A. [Reprint author]; Patel, Ambrish J.

CS MRC Neurodegenerative Disorders Group, Dep. Biochem., Charing Cross
 Westminster Med. Sch., Fulham Palace Rd., London W6 8RF, UK

SO Neuroreport, (1997) Vol. 8, No. 8, pp. I-XII.
 CODEN: NERPEZ. ISSN: 0959-4965.

DT Article
 General Review; (Literature Review)

LA English

ED Entered STN: 11 Aug 1997
 Last Updated on STN: 11 Aug 1997

L5 ANSWER 66 OF 79 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 1996:551333 BIOSIS
 DN PREV199699273689
 TI A **PS1 mutation** leads to AD pathology and increased
 A-beta-42 burden in brain by middle age in 4 FAD patients.

AU Lemere, C. A.; Lopera, F.; Kosik, K. S.; Ossa, J.; Saido, T. C.; Yamaguchi, H.; Selkoe, D. J.; Arango-V, J. C.
CS Brigham and Women's Hosp., Harvard Med. Sch., Boston, MA 02115, USA
SO Society for Neuroscience Abstracts, (1996) Vol. 22, No. 1-3, pp. 1175.
Meeting Info.: 26th Annual Meeting of the Society for Neuroscience.
Washington, D.C., USA. November 16-21, 1996.
ISSN: 0190-5295.
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
Conference; (Meeting Poster)
LA English
ED Entered STN: 13 Dec 1996
Last Updated on STN: 23 Jan 1997

L5 ANSWER 67 OF 79 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 1996:547069 BIOSIS
DN PREV199699269425
TI Missense mutations of the Presenilin 1 (PS1 /S182) gene in German early-onset Alzheimer's disease patients.
AU Sandbrink, G. [Reprint author]; Zhang, D. [Reprint author]; Lichtenthaler, S. [Reprint author]; Schaeffer, S.; Bauer, J.; Zerfass, R.; Foerstl, H.; Henn, F.; Masters, C. L.; Beyreuther, K.
CS Cent. Mol. Biol. Heidelberg, Univ. Heidelberg, INF 282, D-69120 Heidelberg, Germany
SO Society for Neuroscience Abstracts, (1996) Vol. 22, No. 1-3, pp. 1662.
Meeting Info.: 26th Annual Meeting of the Society for Neuroscience.
Washington, D.C., USA. November 16-21, 1996.
ISSN: 0190-5295.
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
Conference; (Meeting Poster)
LA English
ED Entered STN: 13 Dec 1996
Last Updated on STN: 13 Dec 1996

L5 ANSWER 68 OF 79 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 1996:494470 BIOSIS
DN PREV199699216826
TI Protein characterization of the early onset familial Alzheimer's disease gene products, **presenilin 1** and **presenilin 2**.
AU Selkoe, D. J.; Xia, W.; Zhang, J.; Podlisny, M. B.; Amarante, P.; Haass, C.; St George-Hyslop, P. H.; Teplow, D. B.; Koo, E. H.; Citron, M.
CS Brigham and Women's Hosp., Boston, MA, USA
SO Society for Neuroscience Abstracts, (1996) Vol. 22, No. 1-3, pp. 278.
Meeting Info.: 26th Annual Meeting of the Society for Neuroscience.
Washington, D.C., USA. November 16-21, 1996.
ISSN: 0190-5295.
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
Conference; (Meeting Slide)
LA English
ED Entered STN: 4 Nov 1996
Last Updated on STN: 4 Nov 1996

L5 ANSWER 69 OF 79 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 1996:494466 BIOSIS
DN PREV199699216822
TI A-beta-42(43) is increased in vivo by the **PS1/2** and **APP mutations** linked to familial Alzheimer's disease.
AU Scheuner, D. [Reprint author]; Eckman, C. [Reprint author]; Jensen, M.; Song, X.; Citron, M.; Suzuki, N.; Bird, T. D.; Hardy, J.; Hutton, M.; Kukull, W.; Larson, E.; Levy-Lahad, E.; Viitanen, M.; Peskind, E.; Poorkaj, P.; Schellenberg, G.; Tanzi, R.; Wasco, W.; Lannfelt, L.; Selkoe, D.; Younkin, S. [Reprint author]

CS Dep. Neurosci., Case Western Reserve Univ., Cleveland, OH, USA
 SO Society for Neuroscience Abstracts, (1996) Vol. 22, No. 1-3, pp. 278.
 Meeting Info.: 26th Annual Meeting of the Society for Neuroscience.
 Washington, D.C., USA. November 16-21, 1996.
 ISSN: 0190-5295.

DT Conference; (Meeting)
 Conference; Abstract; (Meeting Abstract)
 Conference; (Meeting Slide)

LA English

ED Entered STN: 4 Nov 1996
 Last Updated on STN: 10 Dec 1996

L5 ANSWER 70 OF 79 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 1996:494465 BIOSIS
 DN PREV199699216821
 TI Effects of **presenilin mutations** on the deposition and
 production of amyloid beta protein.

AU Iwatsubo, T. [Reprint author]; Mann, D. M. A.; Tomita, T. [Reprint
 author]; Kosaka, T. [Reprint author]; Tokuhito, S. [Reprint author];
 Hosoda, R. [Reprint author]; Obata, K.; Saido, T. C.; Maruyama, K.

CS Dep. Neuropathol. Neurosci., Univ. Tokyo, Tokyo, Japan
 SO Society for Neuroscience Abstracts, (1996) Vol. 22, No. 1-3, pp. 278.
 Meeting Info.: 26th Annual Meeting of the Society for Neuroscience.
 Washington, D.C., USA. November 16-21, 1996.
 ISSN: 0190-5295.

DT Conference; (Meeting)
 Conference; Abstract; (Meeting Abstract)
 Conference; (Meeting Slide)

LA English

ED Entered STN: 4 Nov 1996
 Last Updated on STN: 10 Dec 1996

L5 ANSWER 71 OF 79 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 1996:453013 BIOSIS
 DN PREV199699175369
 TI Characterization of **presenilin 1 (PS1)** with
mutations linked to familial Alzheimer's disease: Metabolism,
 topology and influence on A-beta generation.

AU Thinakaran, G. [Reprint author]; Doan, A.; Lee, M. K.; Slunt, H. H.;
 Savage, M.; Greenberg, B.; Wang, R.; Price, D. L.; Sisodia, S. S.

CS Neuropathology Lab., Johns Hopkins Univ. Sch. Med., Baltimore, MD 21205,
 USA

SO Neurobiology of Aging, (1996) Vol. 17, No. 4 SUPPL., pp. S110.
 Meeting Info.: Fifth International Conference on Alzheimer's Disease and
 Related Disorders. Osaka, Japan. July 24-29, 1996.
 CODEN: NEAGDO. ISSN: 0197-4580.

DT Conference; (Meeting)
 Conference; Abstract; (Meeting Abstract)
 Conference; (Meeting Poster)

LA English

ED Entered STN: 7 Oct 1996
 Last Updated on STN: 7 Oct 1996

L5 ANSWER 72 OF 79 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 1996:452639 BIOSIS
 DN PREV199699174995
 TI Immunocytochemical characterization of plaques, tangles and vascular
 amyloid in the brains of 2 FAD patients with an identified **PS1**
mutation.

AU Lemere, C. A. [Reprint author]; Lopera, F.; Kosik, K. S. [Reprint author];
 Ossa, J.; Saido, T. C.; Ruiz, A.; Martinez, A.; Madrigol, L.; Hincapie,
 L.; Arango L., J. C.; Selkoe, D. J.; Arango V, J. C.

CS Brigham and Women's Hosp., Harv. Med. Sch., Boston, MA, USA
 SO Neurobiology of Aging, (1996) Vol. 17, No. 4 SUPPL., pp. S17.

Meeting Info.: Fifth International Conference on Alzheimer's Disease and Related Disorders. Osaka, Japan. July 24-29, 1996.
CODEN: NEAGDO. ISSN: 0197-4580.

DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
Conference; (Meeting Poster)

LA English

ED Entered STN: 7 Oct 1996

Last Updated on STN: 5 Nov 1996

L5 ANSWER 73 OF 79 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 1996:452616 BIOSIS
DN PREV199699174972

TI Missense **mutations** of the **Presenilin 1 (PS1**
or S182) gene in German early-onset Alzheimer's disease patients.

AU Sandbrink, R. [Reprint author]; Zhang, D. [Reprint author]; Hartmann, T.
[Reprint author]; Bergsdorf, C. [Reprint author]; Paliga, K. [Reprint
author]; Schaeffer, S.; Bauer, J.; Foerstl, H.; Bickel, H.; Masters, C.
L.; Beyreuther, K. [Reprint author]

CS ZMBH, Univ. Heidelberg, INF 282, D-69120 Heidelberg, Germany

SO Neurobiology of Aging, (1996) Vol. 17, No. 4 SUPPL., pp. S12.

Meeting Info.: Fifth International Conference on Alzheimer's Disease and Related Disorders. Osaka, Japan. July 24-29, 1996.
CODEN: NEAGDO. ISSN: 0197-4580.

DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
Conference; (Meeting Poster)

LA English

ED Entered STN: 7 Oct 1996

Last Updated on STN: 7 Oct 1996

L5 ANSWER 74 OF 79 PCTFULL COPYRIGHT 2004 Univentio on STN
AN 1997046678 PCTFULL ED 20020514

TIEN NUCLEIC ACIDS AND POLYPEPTIDES RELATED TO **PRESENILIN**

TIFR ACIDES NUCLEIQUES ET POLYPEPTIDES APPARENTES A LA **PRESENILINE**

IN DAVIS, John, N.;
CHISHOLM, Jane, C.;
DRACHE, Bettina

PA BAYER CORPORATION

LA English

DT Patent

PI WO 9746678

A1 19971211

DS W: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES
FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV
MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM
TR TT UA UG UZ VN AT BE CH DE DK ES FI FR GB GR IE IT LU
MC NL PT SE

AI WO 1997-US9272 A 19970603

PRAI US 1996-8/659,296 19960606

US 1996-8/683,315 19960718

ICM C12N015-12

ICS C07K014:47; C07K016:18; G01N033:68; A01K067:027; A61K035:12;
C12Q001:68

L5 ANSWER 75 OF 79 PCTFULL COPYRIGHT 2004 Univentio on STN
AN 1997046664 PCTFULL ED 20020514

TIEN PERLECAN TRANSGENIC ANIMALS AND METHODS OF IDENTIFYING COMPOUNDS FOR THE
TREATMENT OF AMYLOIDOSES

TIFR ANIMAUX TRANSGENIQUES DE PERLECAN ET PROCEDES D'IDENTIFICATION DE
COMPOSES POUR LE TRAITEMENT DES AMYLOIDOSES

IN SNOW, Alan;
FUKUCHI, Ken-Ichiro;
HASSELL, John

PA UNIVERSITY OF WASHINGTON

LA English
 DT Patent
 PI WO 9746664 A1 19971211
 DS W: AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB
 GE GH HU IL IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG
 MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT
 UA UG UZ VN YU GH KE LS MW SD SZ UG AM AZ BY KG KZ MD RU
 TJ TM AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE
 BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

AI WO 1997-US9875 A 19970606
 PRAI US 1996-60/017,830 19960606
 ICM C12N005-00
 ICS C12N015:00; A61K049:00

L5 ANSWER 76 OF 79 PCTFULL COPYRIGHT 2004 Univentio on STN
 AN 1997018476 PCTFULL ED 20020514
 TIEN A METHOD FOR DIAGNOSING ALZHEIMER'S DISEASE
 TIFR METHODE POUR DIAGNOSTIQUER LA MALADIE D'ALZHEIMER
 IN MARTINS, Ralph, Nigel, Walter
 PA THE UNIVERSITY OF WESTERN AUSTRALIA;
 RAMSAY HEALTH CARE PTY. LTD.;
 MARTINS, Ralph, Nigel, Walter

LA English
 DT Patent
 PI WO 9718476 A1 19970522
 DS W: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES
 FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV
 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM
 TR TT UA UG US UZ VN KE LS MW SD SZ UG AM AZ BY KG KZ MD
 RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT
 SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

AI WO 1996-AU711 A 19961108
 PRAI AU 1995-PN 6493 19951110
 ICM G01N033-68
 ICS G01N033:539

L5 ANSWER 77 OF 79 PCTFULL COPYRIGHT 2004 Univentio on STN
 AN 1997011956 PCTFULL ED 20020514
 TIEN IDENTIFICATION OF sel-12 AND USES THEREOF
 TIFR IDENTIFICATION DE SEL-12 ET SES UTILISATIONS
 IN GREENWALD, Iva;
 LEVITAN, Diane
 PA THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK;
 GREENWALD, Iva;
 LEVITAN, Diane

LA English
 DT Patent
 PI WO 9711956 A1 19970403
 DS W: AU CA JP MX US AT BE CH DE DK ES FI FR GB GR IE IT LU MC
 NL PT SE

AI WO 1996-US15727 A 19960927
 PRAI US 1995-60/004,387 19950927
 ICM C07H021-04
 ICS C07H021:02; C12N015:12; C12N015:70; C12N001:21

L5 ANSWER 78 OF 79 PCTFULL COPYRIGHT 2004 Univentio on STN
 AN 1997008319 PCTFULL ED 20020514
 TIEN GENETIC ALTERATIONS RELATED TO FAMILIAL ALZHEIMER'S DISEASE
 TIFR ALTERATIONS GENETIQUES LIEES A LA MALADIE D'ALZHEIMER FAMILIALE
 IN TANZI, Rudolph, E.;
 WASCO, Wilma
 PA THE GENERAL HOSPITAL CORPORATION
 LA English
 DT Patent

PI WO 9708319 A1 19970306
 DS W: CA JP MX AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT
 SE
 AI WO 1996-US14114 A 19960903
 PRAI US 1995-60/003,054 19950831
 US 1996-8/706,344 19960830
 ICM C12N015-12
 ICS C07K014:47; C12Q001:68; C12N005:10; G01N033:53

 L5 ANSWER 79 OF 79 PCTFULL COPYRIGHT 2004 Univentio on STN
 AN 1996034099 PCTFULL ED 20020514
 TIEN GENETIC SEQUENCES AND PROTEINS RELATED TO ALZHEIMER'S DISEASE, AND USES
 THEREFOR
 TIFR SEQUENCES GENETIQUES ET PROTEINES ASSOCIEES A LA MALADIE D'ALZHEIMER ET
 LEUR UTILISATION
 IN ST. GEORGE-HYSLOP, Peter, H.;
 FRASER, Paul, E.;
 ROMMENS, Johanna, M.
 PA HSC RESEARCH AND DEVELOPMENT LIMITED PARTNERSHIP;
 THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO;
 ST. GEORGE-HYSLOP, Peter, H.;
 FRASER, Paul, E.;
 ROMMENS, Johanna, M.
 LA English
 DT Patent
 PI WO 9634099 A2 19961031
 DS W: AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB
 GE HU IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN
 MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG
 US UZ VN KE LS MW SD SZ UG AM AZ BY KG KZ MD RU TJ TM AT
 BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF
 CG CI CM GA GN ML MR NE SN TD TG

 AI WO 1996-CA263 A 19960429
 PRAI US 1995-8/431,048 19950428
 US 1995-8/496,841 19950628
 US 1995-8/509,359 19950731
 ICM C12N015-12
 ICS C07K014:47; C12Q001:68; A01K067:027; C12N005:10; A61K038:17

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